

## Lecturer CHI Pei

College	College of Architectural Science & Engineering
Current Position	Lecturer
Types of Tutor	Master Tutor
Language	Chinese/English
Education	2014/08 – 2015/08, Visiting PhD student, Department of Civil and Environmental Engineering, National University of Singapore, Singapore 2009/09 – 2016/06, PhD, College of Civil Engineering, Nanjing Tech University, China 2005/09 – 2009/06, B. Eng., School of Civil Engineering and Architecture, Anhui University of Technology, China
Research Interests	[1] Steel structures Spatial and prestressed steel structures; multi-story and high-rise steel building structures. [2] High-performance energy-dissipative structures Development, analysis and design of self-centering energy-dissipative tension-only braces and their frame structures.
Selected Publications	[1]Chi P, Tian W L, Guo T, Cao D F, Dong J. Parametric study on the seismic response of steel-framed buildings with self-centering tension-only braces [J]. Advances in Civil Engineering. 2019, Vol. 2019, Article ID 9204362, 17 pages. [2]Chi P, Tian W L. Seismic behavior of the multistory steel-braced building with self-centering tension-only braces [C]. The 3rd International Conference on Smart Materials and Structural Engineering. July 26-28, 2019, Guilin, China. [3]Chi P, Tian W L. Computational investigation on the seismic performance of self-centering tension-only braced frames [C]. The 5th International Conference on Architecture, Civil and Hydraulic Engineering. July 5-7, 2019, Qingdao, China.

	<p>[4]Chi P, Guo T, Peng Y, Cao D F, Dong J. Development of a self-centering tension-only brace for seismic protection of frame structures [J]. Steel and Composite Structures. 2018, 26(5): 573-582.</p> <p>[5]Chi P, Dong J, Peng Y. Concept, classification and development of self-centering energy-dissipative structures [J]. Progress in Steel Building Structures. 2018, 20(1): 12-22,38. (in Chinese)</p> <p>[6]Chi P, Dong J, Peng Y, Liew J Y R. Theoretical analysis and numerical simulation for an innovative self-centering energy-dissipative tension-brace system [J]. Journal of Vibration and Shock, 2016, 35(21): 171-176. (in Chinese)</p>
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